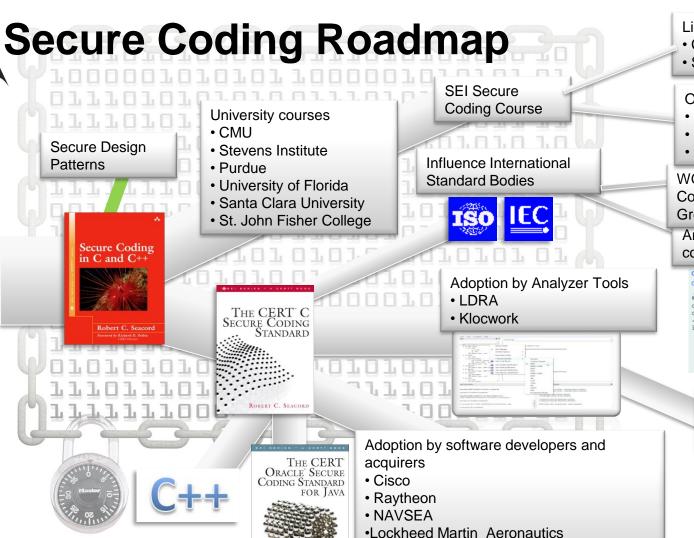
Software Assurance Fall Forum September 13, 2011

Rich Pethia Director, CERT Program



Licensed to:

- Computer Associates
- Siemens

Open & free online course

- · USC, Matt Bishop
- · Stevens, Sven Dietrich
- CMU

WG14 C Secure Coding Rules Study Group

Analyzer conformance test



SCALe Conformance Assessment



2012

2003

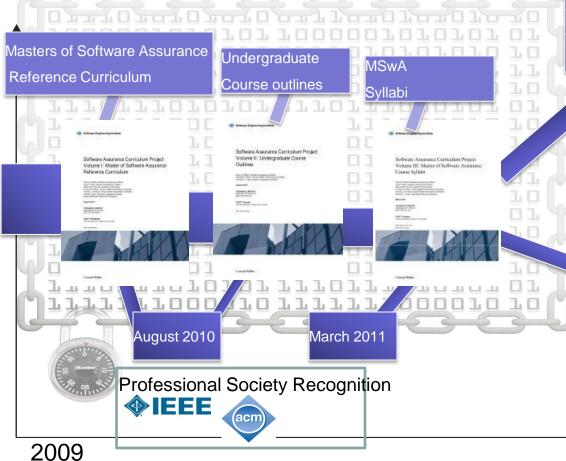
**Breadth of impact** 

General Atomics

Qualcomm

## **Software Assurance Curriculum Project**

Goals: Develop software assurance curricula & transition strategies



Community Outreach

- AMCIS
- COMPSAC
- SSTC
- FISSEA
- CISSE keynote
- 170+ Members of SwA Ed
  - Integrated into course offerings
  - Carnegie Mellon University
  - Stevens Institute of Technology
  - US Air Force Academy
  - University of Detroit Mercy

## **Needs**

- MSwA course materials
  - Nine SwA core courses
- Curriculum Development
  - MSwA course descriptions for other degree programs
  - Undergraduate curriculum with specializations
    High school needs

2013